

Claims

- 1 (Currently Amended). A computer interface system, comprising:
- a microphone that receives audio input from a user;
- a ~~voi~~~~e speech~~ recognition mechanism, wherein the speech recognition mechanism includes a predefined dictionary having a plurality of recognized input terms and commands; and
- a graphical user interface, wherein the user interface provides a form having a plurality of fields for user input, wherein upon selection of one field and receipt of a recognized command spoken by the user, the user interface displays a list of recognized input terms that are appropriate for input into the selected field that prompts the user for expected inputs that the user can speak at designated points in a dialog according to a specified grammar;
- wherein prompts may specify the type of expected input;
- wherein prompts may specify words that are recognized by the system.
- 2 (Currently Amended). The system according to claim 1, wherein upon receipt of an appropriate recognized input term for the selected field, the system automatically selects the next field for user input prompts that represent non terminal tokens in the grammar are replaced with one of a set of other prompts in the grammar in response to spoken input.
- 3 (Cancelled).
- 4 (Currently Amended). The system according to claim 1, further comprising:
- at least one speaker that provides an audio prompt for prompting the user to speak a recognized input term prompts for expected inputs.
- 5 (Currently Amended). The system according to claim 1, wherein a second command causes the system to display prompt may further comprise a second user interface window.
- 6 (Currently Amended). The system according to claim 1, wherein the graphical user interface further comprises displays the list of recognized input terms in a pull-down menu.

7 (Cancelled).

8 (Currently Amended). A computer program product in a computer readable medium for use in a computer interface system, the computer program product comprising:

first instructions for displaying a user interface to the user, wherein the user interface provides a form including a plurality of fields for user input;

second instructions for receiving a selection of a field for user input;

third instructions for receiving audio input in the form of at least one word from a user;

fourth instructions for recognizing the at least one word as an input term or a command;

fifth instructions for causing the user interface to display a list of recognized input terms for inputting into the selected field if the inputted word is recognized as a command; and

sixth instructions for completing the selected field with the input term if the inputted word is recognized as an input term

second instructions for automatic voice recognition; and

third instructions for displaying a graphical user interface that prompts the user for expected inputs that the user can speak at designated points in a dialog according to a specified grammar;

wherein prompts may specify the type of expected input;

wherein prompts may specify words that are recognized by the system.

9 (Currently Amended). The computer program product according to claim 8, further comprising seventh instructions for automatically selecting the next field for user input upon receipt of a recognized input term wherein prompts that represent non-terminal tokens in the grammar are replaced with one of a set of other prompts in the grammar in response to spoken input.

10 (Cancelled).

11 (Currently Amended). The computer program product according to claim 8, further comprising:

~~fourth instructions for outputting an audio prompt that prompts the user to speak a recognized input term prompts for expected inputs.~~

12 (Currently Amended). The computer program product according to claim 8, further comprising instructions for displaying a second user interface window upon receipt of a second command wherein a prompt may further comprise a second graphical user interface window.

13 (Currently Amended). The computer program product according to claim 8, wherein the list of recognized input terms is displayed in graphical user interface further comprises a pull-down menu.

14 (Cancelled).

15 (Currently Amended). A method for verbally completing a form on a computer interfacing between a computer and a human user, the method comprising the computer implemented steps of:

displaying a user interface to the user, wherein the user interface includes a plurality of fields for user input;

receiving a selection of a field for user input;

receiving audio input in the form of at least one word from the user for the selected field; interpreting the audio input via voice recognition; and

recognizing the at least one word as an input term or a command; and

if the inputted word is recognized as a command then causing the user interface to display a list of recognized input terms for inputting into the selected field; and

if the inputted word is recognized as an input term, then completing the selected field with the input term.

displaying a graphical user interface that prompts the user for expected inputs that the user can speak at designated points in a dialog according to a specified grammar; wherein prompts may specify the type of expected input; wherein prompts may specify words that are recognized by the system.

16 (Original). The method according to claim 15, wherein upon receipt of a recognized input term for the selected field, automatically selecting the next field for user input ~~prompts that represent non terminal tokens in the grammar are replaced with one of a set of other prompts in the grammar in response to spoken input~~.

17 (Cancelled).

18 (Currently Amended). The method according to claim 15, further comprising: outputting an audio prompt that prompts the user to speak a recognized input term ~~prompts for expected inputs~~.

19 (Currently Amended). The method according to claim 15, further comprising displaying a second user interface window upon receipt of a second command ~~wherein a prompt may further comprise a second graphical user interface window~~.

20 (Currently Amended). The method according to claim 15, wherein the list of recognized input terms is displayed in graphical user interface ~~further comprises~~ a pull-down menu.

21 (Cancelled).